

**Take to the skies
with the latest
LEGO TECHNIC
Starter sets**



**How do they do that?
From Icarus to Branson -
what you didn't know
about flight**



**The wait is over!
Are you a winner in the
GREAT LEGO TECHNIC Challenge?
See the winning model
and Building Plan**

TRING zooms in on another
real smart LEGO TECHNIC builder

PLUS!

Look out for more cool models
from LEGO TECHNIC later this year -
read about it all in this issue!



Technic



A VAILABLE IN THE SHOPS NOW

Charlie 1,
this is
Echo 7.....

LEGO TECHNIC
STARTER SETS GET YOU
INTO THE ACTION -
FAST! THE TWO SKY-BORNE
SPEEDSTERS FEATURED HERE
ARE THE EAGLE 1 (8232)
HELICOPTER AND VTOL
(8222) VERTICAL TAKE-OFF
AND LANDING AIRCRAFT -
TWO MACHINES THAT'LL
MAKE YOU WANT TO REACH
FOR THE SKY!

WHIRR RRRR

WITH EAGLE 1 ON
PATROL, ANYTHING
CAN HAPPEN!



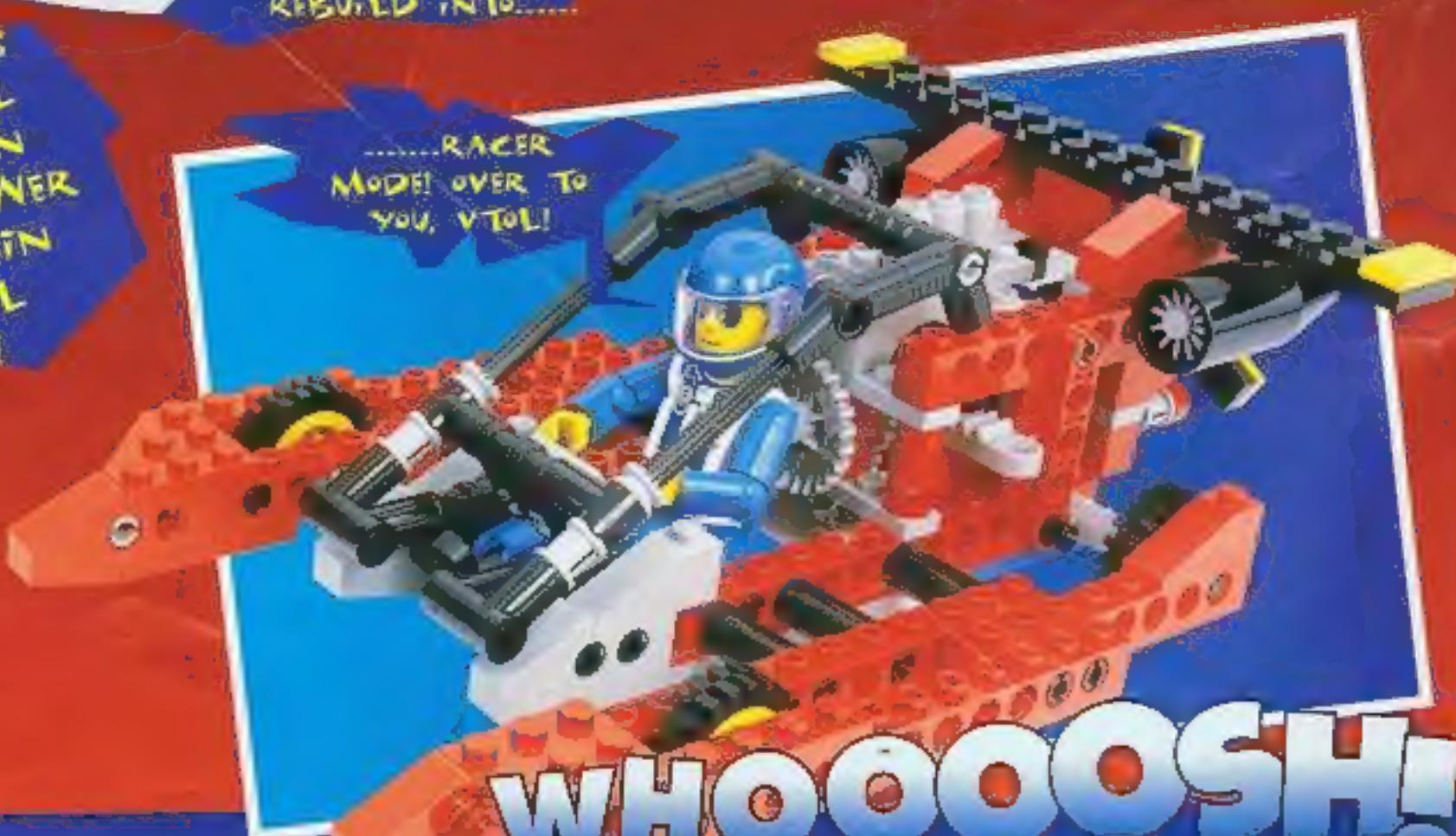
FOR MAXIMUM FUN

both sets make alternative models. Eagle 1 (8232) builds into a high-speed racer while VTOL (8222) remodels as a hovercraft. Both the alternatives can be motorised with the LEGO TECHNIC 8V motor set, 8720.

RACER
MODEL OVER TO
YOU, VTOL!

WHOOSH!

THE
HELICOPTER'S
GOT A COOL
PUSH-ACTION
DRIVE TO POWER
UP THE MAIN
AND TAIL
ROTORS!



Z

W!



IT'S THE NEW
V-TOL!
FANTASTIC!



WHIRR RRRR

ZOOM!

THIS NEW LEGO
TECHNIC V-TOL (8222)
IS FANTASTIC!

ADJUSTABLE PROPELLERS
AND WINGS LET ME GET
UP AND AWAY FAST...AND
BOLDLY LAND WHERE NO
LEGO TECHNIC PILOT HAS
GONE BEFORE!

AND WHEN
V-TOL
TOUCHES
DOWN....

NOW FOR SOME HOVER-
SPEED ACTION, AS I
REBUILD MY MEAN
MACHINE INTO A
HOVERCRAFT! FANCY
A BURN-UP EAGLE?

ZZZOOM!

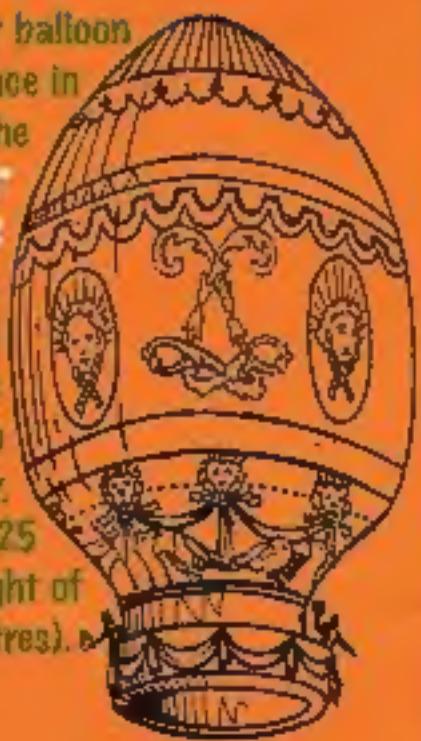


Get
in on
the action
now, with the
LEGO TECHNIC
Eagle 1 (8232) and
V-TOL (8222)!

Taking to the Skies

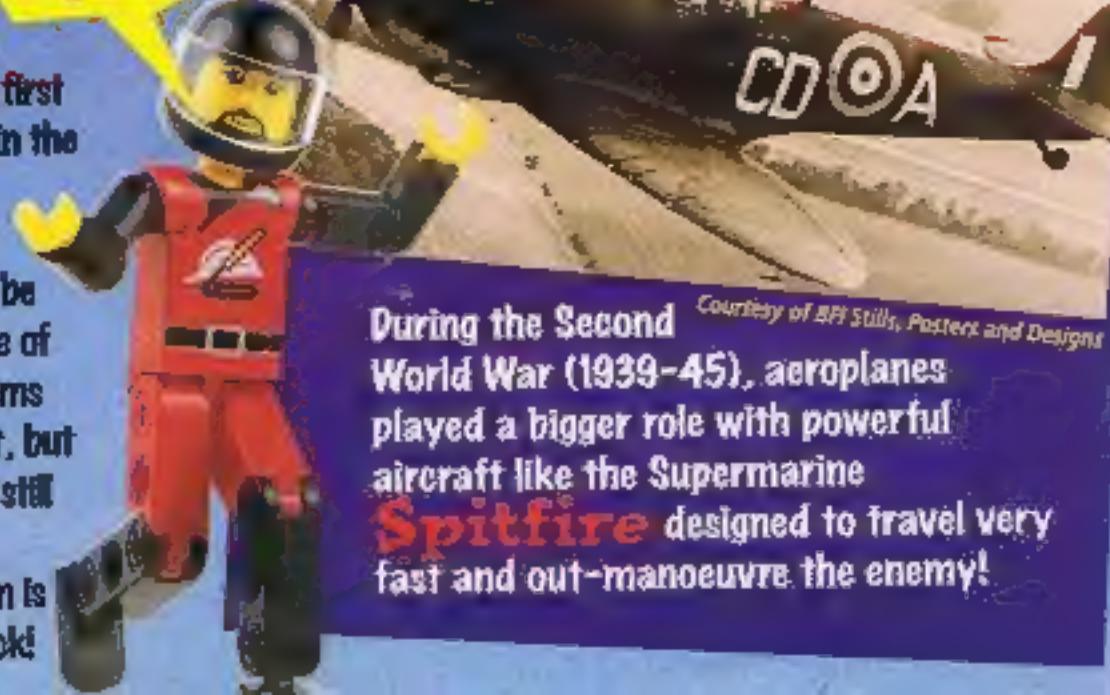
Man has always had a wish to fly like the birds. Ancient Greek legend tells how Daedalus built wings so that he and his son Icarus could fly. But Icarus flew too near the sun and the wax holding the wings together melted and he fell to his death.

The first hot air balloon flight was in France in 1783 when the **Montgolfier brothers** sent up a sheep, a duck and a cockerel! Later that year, the brothers put two people into the air. They flew for 25 minutes at a height of 500 feet (152 metres).



Ballooning is still popular today and earlier this year the businessman **Richard Branson**, who runs the Virgin empire, attempted to be the first balloonist to fly around the world in the Virgin Global Challenger. The attempt had to be stopped because of technical problems during the flight, but with the record still unclaimed, Richard Branson is bound to be back!

Cheer up Richard, here's a copy of LEGO TECHNIC magazine!



Aeroplanes as we know them (well, almost as we know them!) first took to the skies this century.

Wilbur and Orville Wright were the first people to get a manned aeroplane off the ground in 1903. The brothers used a lightweight petrol engine to power their craft and controlled the flight using wires to twist the plane's two sets of wings.

After the First World War, flying became a popular activity. Many records for long-distance air travel were established, including the first solo flight from England to Australia, made by **Amy Johnson** in 1930, flying a small de Havilland Gypsy Moth aeroplane.

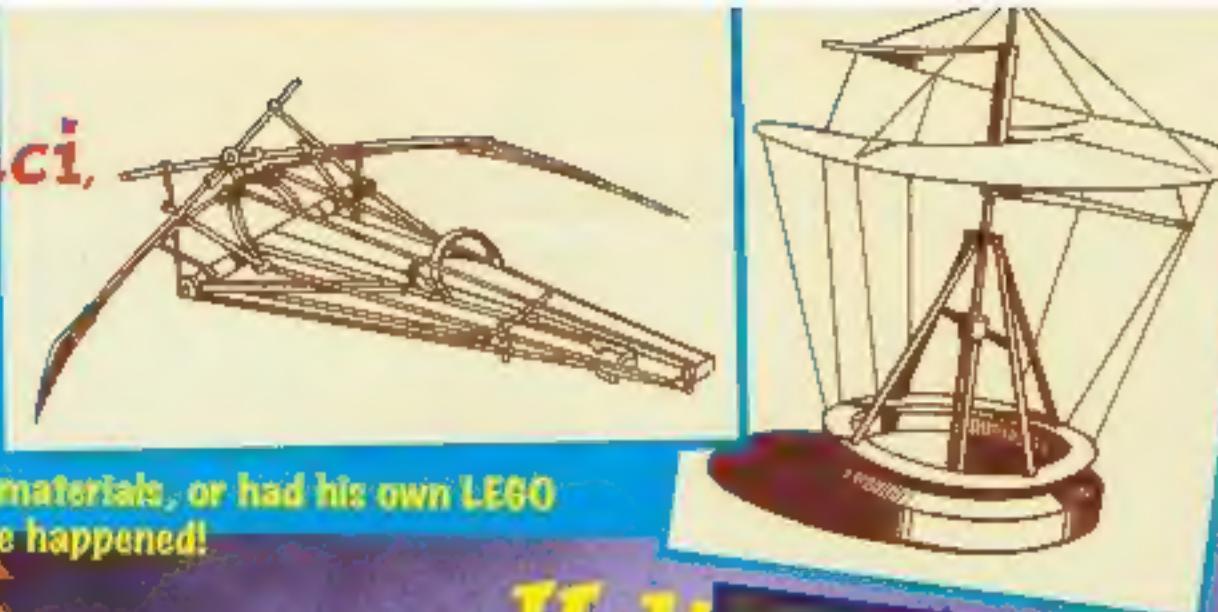


Courtesy of BFI Stills, Posters and Designs
During the Second World War (1939-45), aeroplanes played a bigger role with powerful aircraft like the Supermarine **Spitfire** designed to travel very fast and out-maneuvre the enemy!

The famous artist

Leonardo da Vinci.

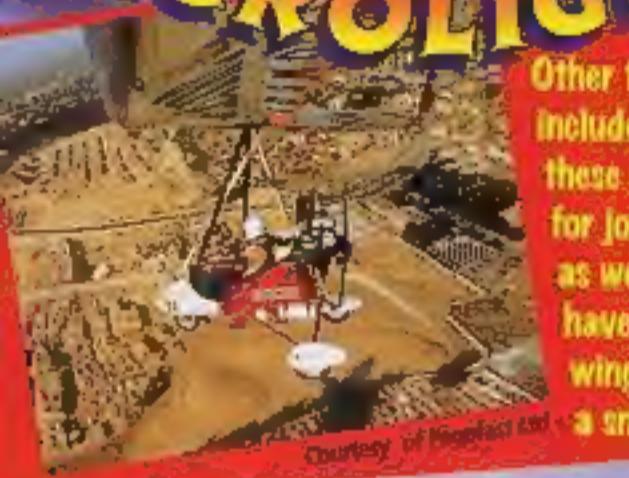
who was born in 1452, drew the first plans for flying machines. As far as we know, he never built any of them and they would have been far too heavy to fly. But one of Leonardo's sketches is similar to a modern helicopter and if he'd been able to use today's lightweight materials, or had his own LEGO TECHNIC set, who knows what might have happened!



MICROLIGHTS

Other types of aircraft include the microlight - these small planes are used for jobs like crop spraying as well as for fun. They have very light but strong wings and are powered by a small engine.

Courtesy of Microlight UK



Photograph from British Airways

An aeroplane powered by a rocket had already travelled faster than sound, at supersonic speed, in 1947 and the world's first supersonic passenger jet,

Concorde, first flew in 1969. Today, Concorde cruises at around 1,350 miles per hour (2,172.5 kmh) and last year set a new speed record for crossing the Atlantic Ocean, flying from New York to London in just 2 hours 52 minutes and 59 seconds!

HIGH FLYING COMPETITION

1ST PRIZE

Trip to LONDON HEATHROW AIRPORT VISITORS' CENTRE

PLUS LEGO TECHNIC Eagle 1 (8232) AND VTOL (8222) sets

2ND PRIZE

Five prizes of LEGO TECHNIC Eagle 1 (8232) sets

RUNNERS UP

PRIZES

Ten prizes of LEGO TECHNIC VTOL (8222) sets

AIRPORT DAY-OUT!



To enter the competition, drop us a postcard telling us who were the first people to fly an aeroplane.

- the Wright brothers
- the Montgolfier brothers
- the Warner brothers

Send your entries on a postcard only to:
Flying Brothers Comp,

LEGO TECHNIC Magazine,
LEGO UK Ltd, Wrexham
LL13 7TQ.

CLOSING DATE:
31st May '97



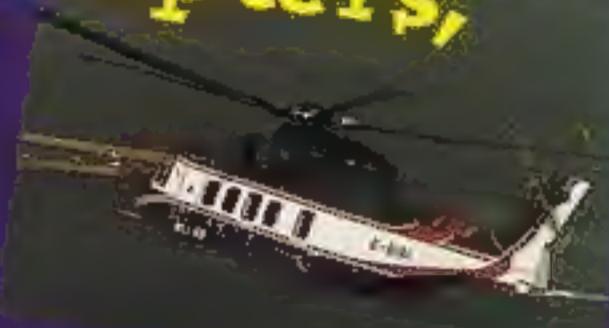
Good Luck!

Courtesy of GKN Westland

Helicopters,

like the LEGO TECHNIC Eagle 1 (8232), are a very manoeuvrable type of aircraft, where the "wings" spin around! The rotor blades are actually revolving wings, which lift the machine into the air as

they spin. Helicopters can take off and land vertically, and can hover in a fixed position, which makes them ideal for rescue work or landing in difficult places like oil rigs or rooftops.



Another type of aircraft that can take off vertically is the **Harrier Jump Jet**.

The plane can alter the angle of its powerful thruster jets to push the plane straight upwards rather than forwards.

Our
**LEGO
TECHNIC
(8222) VTOL**

(It stands for vertical take off and landing)

uses a similar idea to the Harrier to alter the angle of its propellers for vertical use or normal flight.

Courtesy of GKN Westland

CHALLENGE

EXCLUSIVE INTERVIEW

winner Rohan Torrill gave LEGO TECHNIC Magazine an EXCLUSIVE INTERVIEW on how it feels to be LEGO TECHNIC's **TOP** builder!

LEGO TECHNIC Magazine: So, Rohan, how does it feel to be the winner?

Rohan: Brilliant!

LTM: Did you think you would win?

Rohan: No. It was a complete surprise!

LTM: Was it hard to find a good design with only a few pieces to choose from?

Rohan: Not really. When I saw the wheels, it just said 'car'! I've got a lot of LEGO TECHNIC sets, so I also had a large choice of extra elements.

LTM: Have you let any of your friends in on the news that you're the winner?

Rohan: My teacher put a notice up in school, so they all know! Then I had to stand up and tell the whole school about it!

LTM: Wow! Were you nervous?

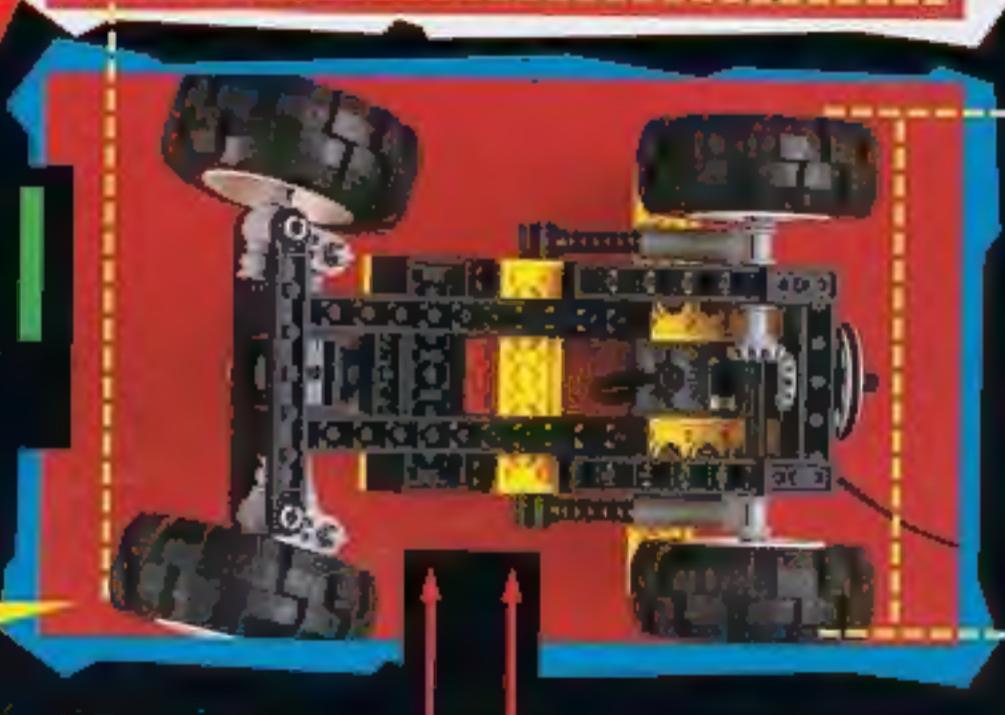
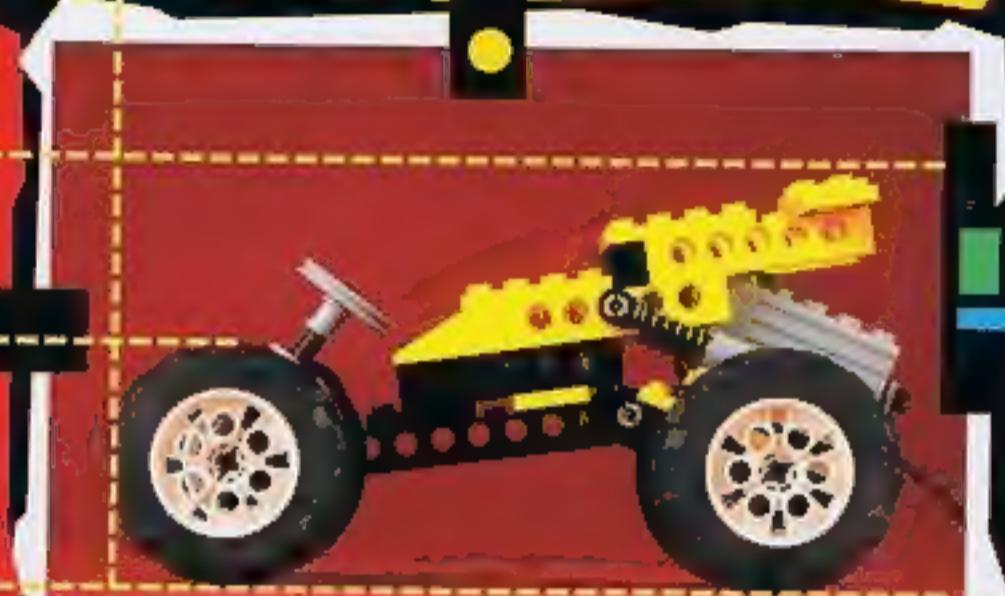
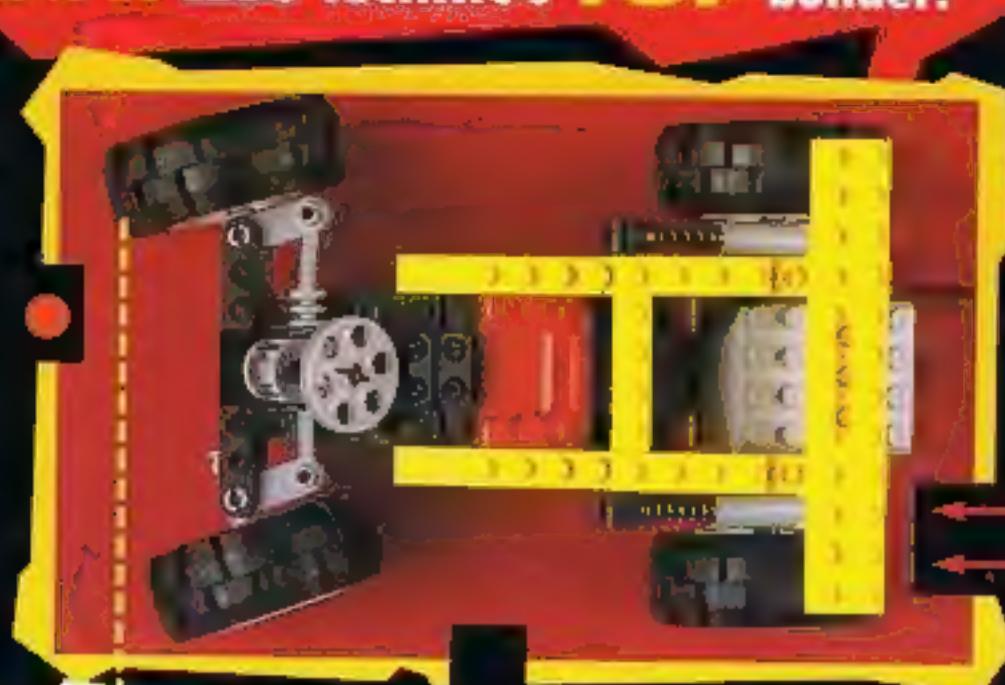
Rohan: They didn't tell me I had to do it until five minutes before, so I wasn't really worried.

LTM: How long have you been building with LEGO TECHNIC?

Rohan: I got my first set when I was about four. It was a big crane, but my Dad helped me to build it!

LTM: What other LEGO TECHNIC models do you enjoy building?

Rohan: Cars, mainly. I made one that splits in half after I saw one do it in a film. It had separate steering for each side. I also like building boats.



LTM: Your prize of a LEGO TECHNIC Nautilus submarine should be just right then! It comes with CD Rom building instructions, so you can see how it all fits together!

Rohan: Thanks, that's really cool!

LTM: Have fun with the submarine and CD, Rohan. Thanks for talking to us!

Judging Panel member Søren Holm, from LEGO Product Development in Denmark, told us what the Panel was looking for when they chose the winners.

"Everyone who went to the trouble of building and photographing their model showed some of the things we were looking for and we could have awarded the prizes many times over! The competition was so successful that we're looking into running another one next year!"

Really we were looking for the things that we build into any new LEGO TECHNIC model - imagination and interesting use of components. In the end, Rohan's model was the one we liked most and it is the type of design that could be developed into an actual LEGO TECHNIC set.



TECH TALK
TECH TALK with **Tring**
TECH TALK

Tring's been buzzin' down his line again. He's been doin' his 'buziness' - seeking out LEGO TECHNIC builders and sizing them up for LEGO TECHNIC MAGAZINE.

Tring's identity is hidden from us. All we know is that he's a LEGO TECHNIC fanatic, hungry for any gen he can get on other LEGO TECHNIC builders. His phone calls could strike any one of you reading now!

So if you want him to pick you out, send in photographs of your favourite LEGO TECHNIC models for Tring's attention - we'll make sure he gets them.

This month, Tring's shout goes out to **Peter Burman**. Not only did Peter send us a photograph of his finished Speed Buggy - he did his own building plan, too!

Tring: Hi, Peter! Before we get onto the technical details, tell us something about yourself.

Peter: Well, I'm 12 years old, I live in Ashford, Middlesex and I really enjoy building with LEGO TECHNIC!

Tring: Glad to hear it, Peter. This is a seriously cool model you've sent us. Can you tell us something about it?



BUILD IT YOURSELF STEP BY STEP!



Peter: It's a Speed Buggy, so it's designed to go fast! The steering wheel works and is linked to the front wheels and there's a roll-bar in case of accidents!

Tring: The building plan was very detailed. Did you find it difficult to do?

Peter: I had to think hard about how it should look, but I really enjoyed doing it.

Tring: What other types of model do you like building?

Peter: I like all-terrain racers, like the Buggy, and any type of fast car!

Tring: I can tell that from the Speed Buggy! Would you like to drive something like that yourself when you're older?

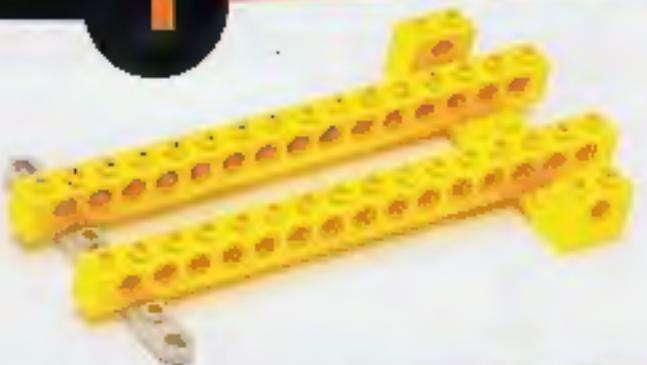
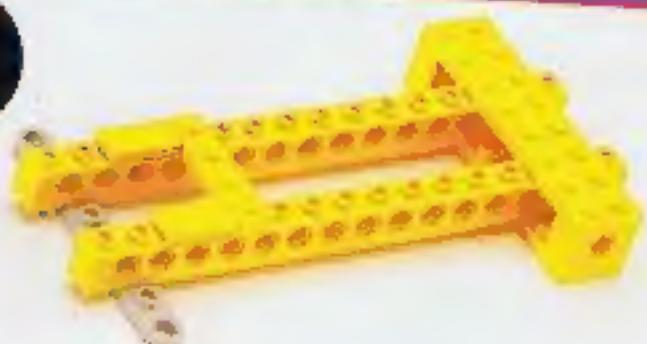
Peter: Yeah! That would be brilliant!

Tring: Nice talking to you, Peter. Thanks for all the info!

That's all for now, but here's a building plan of Peter's Speed Buggy, if you wanna make one yourself!

Signed,



1**4****2**

100

3**5**

THIS BUGGY GETS
THE THUMBS-UP
FROM THE
TECHNIC TEAM!



NEWS FROM

LEGO
LEGOLAND
WINDSOR

Theme MONSTER
SURPRISE in store at
LEGOLAND Windsor
from May onwards,
in the shape of a
**SEVEN METRE HIGH
LEGO TECHNIC
DINOSAUR!**

The monster is the latest addition
to LEGOLAND's brilliant range
of working models, and the
giant lizard is designed
to make a menacing
grab at passengers

on the **Sky Rider** - another of
the new attractions!

Luckily, the precision engineering
and high-tech electric motor systems
make sure the giant-size jaws never
reach travellers!

The model is constructed from
scaled-up LEGO TECHNIC components,
and while you'll recognise the
shapes and building techniques, the
size - 20 times bigger than normal
LEGO TECHNIC - is awesome!

The mean and moody effect is
completed by steam coming from the
monster's mouth!

We'll tell you more about this
LEGO TECHNIC TERROR
in a future magazine!

LEGOLAND WINDSOR HOTLINE NUMBER:
0990 040404

COMING SOON!

•••••••••••••••
NEW LEGO TECHNIC
advanced sets in THE NEXT ISSUE!



SIERRA-NEVADA

The LEGO TECHNIC Sierra Nevada IV (8414) keeps the action off road! Sierra Nevada is Spanish for snowy mountains, and this cool half-tracked vehicle will make short work of steep slopes and snow drifts! Advanced suspension absorbs the knocks, while all-terrain front tyres keep things on course. A V2 motor and rear caterpillar tracks provide the staying power!



SAHARA

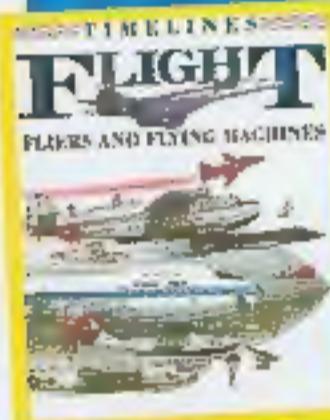
LEGO
TECHNIC

Caps & Books Giveaway!

We've got six copies of the brilliant book "Timelines: Flight", published by Franklin Watts. PLUS super-cool baseball caps courtesy of Richard Branson's Virgin Atlantic airline to give away!

"Flight" tells you everything you could want to know about all types of flying machines, while the Virgin Atlantic caps are seriously cool kit!

No hard questions for this one...the first six entries we pull out of the hat win a book and a hat!



To enter, send a postcard to Hats & Books Comp, LEGO TECHNIC Magazine, LEGO UK Ltd, Wrexham LL13 7TQ.

Remember to put your name, age, address and LEGO TECHNIC Club membership number on your entry!

Closing date: 31st May '97



DUNE-BUSTING is no problem for the LEGO TECHNIC Sahara Blaster (8437)! This tough off-roader is named after the huge Sahara Desert in Africa and features rear suspension and a V engine. The four cylinder unit can be taken out and replaced with the 8735 motor for powered-up action!

Robo-Comp Winners

1st Prize: Titus Leo of Godmanchester, Cambridgeshire wins a LEGO TECHNIC Roboshopper (8277) PLUS

a trip to the Ford Motor Company's Dagenham plant to see real robots at work!



2nd Prizes of LEGO TECHNIC Eagle 1 (8232) sets

go to: Edwin Broyd, Warlingham; Oliver Barrett, Swansea; Mathew Proctor, Chorley; Robert Keates, Lewes; and Cameron Tait, Earlston.

Runners-up prizes of LEGO TECHNIC Etacstatic Turbo (8205) drag racers were won by:

• Daniel Linton, Ipswich
• Helen Ward, Alferton
• Kenny Mortensen, Thetford
• Robbie Lloyd Jones, Llangollen
• Christopher Allan, Pontefract

• David Henwood, Kilcreggan
• Paul Byers, Gliven
• Seamus McDonagh, Ryde
• Christopher Charles, Beaminster and Andrew Brown, Gosforth

MIND BOGLERS

PUZZLES AND JUST TEASERS for FUN!

LETTER CHANGE

Solve the clues below, in order, changing one letter of your answer each time to make a new word to fit the next clue. When you get round to clue 12, you'll find that its answer is also just one letter different from the first answer - LATE.

1. Not early	7. Man
2. Friend, chum	8. Small leaping animal
3. Day on a calendar	9. Used to hold a tent up
4. Pantomime woman	10. Thick, floury pastry
5. Similar	11. Blowing wind
6. Goods sold cheaply	12. Entrance to a garden



IT ALL ADDS UP!

The answers to all these clues are numbers and they should be written in the circles A, B, C and D.

Now add all these numbers together and write your total in the centre circle. If you do this correctly, you'll find that this total is the number of days in a leap year.

A The number of minutes in three hours!
B The Queen's age on April 21st 1996
C The number of stars on the European flag
D The number of dalmatians in the Disney film

LEGO TECHNIC

CLUB SHOP



ORDER FORM

ITEM NUMBER	QUANTITY	PRICE PER ITEM	TOTAL PRICE
POSTAGE & PACKING		£1.00	
TOTAL			

MEMBERSHIP NUMBER _____

NAME _____

ADDRESS _____

POSTCODE _____

Cheque/Postal Order should be made
payable to: LEGO U.K. LIMITED or please charge my Access/Visa

Card no: _____ Expiry date: _____

Cardholders signature: _____

Send to The LEGO TECHNIC Club Shop, Wrexham, LL13 7TQ

Please allow 3-4 weeks for delivery

CLUB SHOP items

ITEM DESCRIPTION	PRICE
22027 Totally TECHNIC Pen (2 FREE Stick Pens with each pen purchase)	£3.95
"Dare You Enter..." T-SHIRT	
22028 Youth size (34")	£5.75
22029 Small Adult (36")	£6.75
22030 Medium Adult (38")	£6.75
22031 Large Adult (40")	£6.75
22015 LEGO TECHNIC Cap	£1.95
22035 TECHNO Fan Badge	95p
NEW LEGO TECHNIC Football 22036	£9.99
NEW LEGO TECHNIC Club Wallet 22037	£1.99
NEW LEGO TECHNIC Bicycle Bag 22038	£5.99
NEW LEGO TECHNIC Club Keyring 22039	99p